

What is claimed is:

1. A spindle motor comprising:  
a baseplate;  
a rotor;  
a bearing system, said bearing system further comprising at least one component directly or indirectly electrically connected to said rotor; and  
at least one solid-state contact element,  
wherein a permanent electro-conductive connection is provided between said baseplate and said bearing component of said bearing system through the exertion of mechanical forces by said solid-state contact element on at least one of said baseplate and said bearing component.
2. The spindle motor according to Claim 1, wherein said solid-state contact element is positioned between adjoining surfaces of said baseplate and said bearing component.
3. The spindle motor according to Claim 1 further comprising a recess located between said baseplate and said bearing component, wherein said solid-state contact element is accommodated in said recess.
4. The spindle motor according to Claim 1 further comprising a bore formed in said baseplate, wherein said solid-state contact element is accommodated entirely within said bore.

5. The spindle motor according to Claim 3, wherein said solid-state contact element is pressed into said recess.
6. The spindle motor according to Claim 4, wherein said solid-state contact element is pressed into said bore.
7. The spindle motor according to Claim 1 wherein said solid-state contact element is a spherical body.
8. The spindle motor according to Claim 1, wherein said solid-state contact element is a wire-shaped pin.
9. The spindle motor according to Claim 1, wherein said solid-state contact element is an elastic spring.
10. The spindle motor according to Claim 1, wherein said solid-state contact element is selected from the group consisting of a coil spring, a leaf spring and an annular spring.
11. The spindle motor according to Claim 1, wherein said bearing component is a bearing sleeve accommodating said shaft.
12. A spindle motor comprising:
  - a baseplate;
  - a rotor;
  - a bearing system, said bearing system further comprising at least one component directly or indirectly electrically connected to said rotor; and
  - at least one welding seam,wherein a permanent electro-conductive connection is provided between said baseplate and said bearing component of said bearing system through said welding seam.

13. The spindle motor according to Claim 12, wherein said bearing component is a bearing sleeve accommodating said shaft.